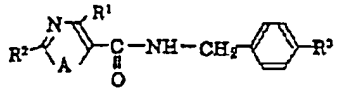
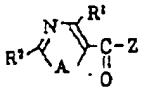
L3 ANSWER 1 OF 1 JAPIO (C) 2004 JPO on STN
ACCESSION NUMBER: 1992-128275 JAPIO Full-text
TITLE: N-BENZYLAMIDES AND INSECTICIDAL MITICIDE CONTAINING THE COMPOUND AS ACTIVE COMPONENT
INVENTOR: HOSOKAWA AKIYOSHI; MIURA YUMIKO; TANAKA TOSHIHIKO; FUKUCHI TOSHIKI
PATENT ASSIGNEE(S): MITSUBISHI KASEI CORP
PATENT INFORMATION:

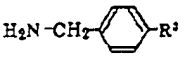
PATENT NO	KIND	DATE	ERA	MAIN IPC
JP--04128275	A	19920428	Heisei	C07D-277-56

APPLICATION INFORMATION
DERWENT FORMAT: 1990JP-0249254 19900919
ORIGINAL: JP02249254 Heisei
PRIORITY APPLN. INFO.: 1990JP-0249254 19900919
SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 1992
INT. PATENT CLASSIF.:
MAIN: C07D-277-56
SECONDARY: A01N-043-76; A01N-043-78; C07D-263-34; C07D-263-38; C07D-263-46; C07D-263-48


I


II


III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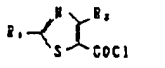
ABSTRACT:
NEW MATERIAL:The compound of formula I [A is S or O; R<SP>1</SP> is H, methyl, ethyl or trifluoromethyl; R<SP>2</SP> is H, 1-3C alkyl, phenyl, 1-3C alkoxy, halogen, mercapto, 1-3C alkylthio, 2-4C alkoxycarbonyl, amino, 1-3C alkylamino, etc.; R<SP>3</SP> is 1-5C alkyl, 2-5C alkenyl, 1-5C alkoxy or group of formula II (R<SP>4</SP> is H, 1-5C alkyl, cyano, nitro, etc.)].
EXAMPLE: N-(4-tert. butylbenzyl)-4-methyl-5-thiazolecarboxamide. USE: An insecticidal miticide.
PREPARATION: A compound of formula III (Z is Cl, Br, OH, methoxy, ethoxy or propoxy) is made to react with a compound of formula IV in a solvent (e.g. water or benzene) in the presence of a base (e.g. sodium hydroxide) preferably at 0-20°C. COPYRIGHT: (C)1992,JPO&Japio

AN

L46 ANSWER 1 OF 1 JAPIO (C) 2004 JPO on STN
ACCESSION NUMBER: 1992-049290 JAPIO Full-text
TITLE: PRODUCTION OF OPTICALLY ACTIVE AMIDE DERIVATIVE
INVENTOR: KUWAZUKA TOSHIAKI; WATANABE SEIICHI; ISHIKAWA KATSUTOSHI; TANAKA YOSHINORI
PATENT ASSIGNEE(S): MITSUI TOATSU CHEM INC
PATENT INFORMATION:

PATENT NO	KIND	DATE	ERA	MAIN IPC
JP--04049290	A	19920218	Heisei	C07D-417-12

APPLICATION INFORMATION
DERWENT FORMAT: **1990JP-0157559** 19900618
ORIGINAL: JP02157559 Heisei
PRIORITY APPLN. INFO.: 1990JP-0157559 19900618
SOURCE: PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 1992
INT. PATENT CLASSIF.:
MAIN: C07D-417-12
ADDITIONAL: A01N-043-78



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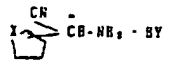

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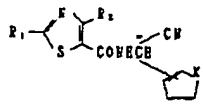

III

ABSTRACT:
PURPOSE: To obtain the subject compounds of high optical purity useful as an agricultural fungicide without lacemization by reacting an optically active aminoacetonitrile salt with a thiazole carboxylic acid chloride in the presence of a base in a suspension state. CONSTITUTION: A thiazole carboxylic acid chloride (e.g. thiazole-5-carboxylic acid chloride) or formula I (R<SB>1</SB> and R<SB>2</SB> are H, 1-4C lower alkyl, haloalkyl or phenyl) is made to react with an optically active aminoacetonitrile (e.g. D-2- amino-2-furylacetonitrile) of formula II (C* is asymmetric carbon; X is O or S; HY is optically active acid) in the presence of a base in a suspension state to obtain the objective compound of formula III. The base is an organic base showing a crystalline state at the ordinary temperature and imidazole, 1,2,4-triazole, etc., are exemplified. The reaction temperature is -10 to 50°C, preferably within a range of 0-20°C. COPYRIGHT: (C)1992,JPO&Japio